

03-22-06

SMX 2022.2 (2003-037(PCT/US)(H103-1732-US02)

[FW 02) \$

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Konstantinos Chondroudis et al.

Art Unit

Serial No. 10/559,637

Filed December 2, 2005

Confirmation No.

for PLATINUM-CHROMIUM-COPPER/NICKEL FUEL CELL CATALYST

March 21, 2006

TO THE COMMISSIONER FOR PATENTS,

SIR:

INFORMATION DISCLOSURE STATEMENT

In accordance with 37 C.F.R. 1.97 and 1.98 and MPEP 609, and in compliance with the duty of disclosure set forth in 37 C.F.R. 1.56, applicants submit the attached PTO/SB/08A for consideration by the Patent and Trademark Office in the above-entitled application and to be made of record therein.

Applicants submit herewith copies of the foreign patent documents and/or literature references. Some of the attached references include English abstracts. Applicants do not make any representation as to the accuracy of the additional information.

The Commissioner is hereby authorized to charge to Deposit Account No. 19-1345 an amount sufficient to cover the fee specified in 37 C.F.R. §1.17(p) for submission of this Supplemental Information Disclosure Statement, should a fee be required.

Respectfully submitted,

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PTO/SB/08A **Complete if Known** 10/559,637 **Application Number** INFORMATION DISCLOSURE Filing Date December 2, 2005 STATEMENT BY APPLICANT **Confirmation Number** First Named Inventor Chondroudis et al. (use as many sheets as necessary) **Group Art Unit Examiner Name** 2 SMX 2022.2 (2003-Attorney Docket No. 037(PCT/US)

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MAR 2 1 2006	<u>w</u>)		U.S.	. PATENT	DOCUMENTS		
PADEMARY		U.S. Patent Document		nent Kind	Name of Patentee or Applicant	Date of Publication of	
Examiner Initials*	Cite No. ¹	Number		Code (if known)	of Cited Document	Cited Documen MM-DD-YYYY	
	1	3,925,2	59		Kane	12-09-1975	
	2	5,068,1	61		Keck et al.	11-26-1991	
	3	5,126,2	16	-	Capuano et al.	06-30-1992	
	4	5,876,867			Itoh et al.	03-02-1999	
	5	6,045,6	71		Wu et al.	04-04-2000	
	6	6,048,6	33		Fujii et al.	04-11-2000	
	7	6,127,0	58		Pratt et al.	10-03-2000	
	8	6,187,1	64	-	Warren et al.	02-13-2001	
	9	6,187,4			Shinkai et al.	02-13-2001	
· · · · · · · · · · · · · · · · · · ·	10	6,255,0			Fujii et al.	07-03-2001	
	11	6,268,0	77		Kelley et al.	07-31-2001	
	12	6,294,2	80		Tanaka et al.	09-25-2001	
	13	6,730,3	50		Finkelshtain et al.	05-04-2004	
	14	2003/00	08197	A1	Gorer	01-09-2003	
	•	•	FOREI	GN PATE	NT DOCUMENTS		
	Cite No. ¹	For	eign Patent Docu		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	
Examiner Initials		Office	ce Number ⁴	Kind Code (if known)			T ⁶
	15	EP	0743092	A1	Degussa	11-20-1996	Α
	16	EP	0330627	A1	Tanaka Precious Metal Ind	08-30-1989	
	17	EP	0469514	A2	N.E. Chemcat Corp.	02-05-1992	
	18	EP	0827225	A2	N.E. Chemcat Corp.	03-04-1998	
	19	EP	1080435	B1	Lacy et al.	03-07-2001	
	20	wo	99/16137		Narayanan et al.	04-01-1999	
Examiner	<u></u>	1			Date		

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Considered

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¹Unique citation designation number. ³Enter Office that issued the document, by the two-letter code (WIPO Standard). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶Applicant is to place a check mark here if English Translation is attached or place an "A" here if English language abstract is attached.

PTO/SB/0)8A			Complete if Known		
				Application Number	10/559,637	
INFO	RMATION	DISCLO	SURE	Filing Date	December 2, 2005	
STATEMENT BY APPLICANT			ICANT	Confirmation Number		
				First Named Inventor	Chondroudis et al.	
(use as many sheets as necessary)				Group Art Unit		
				Examiner Name		
Sheet	2	of	2	Attorney Docket No.	SMX 2022.2 (2003- 037(PCT/US)	

	21						
		OTHER ART – NON PATENT LITERATURE DOCUMENTS	·				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published					
	22	CHU, D. et al. – J. Electrochem. Soc. 1996, 143, 1685					
	23	RALPH, T.R. et al. – Catalysts for Low Temperature Fuel Cells Part 1: The Cathode Challenges, Platinum Metals Rev., 2002, 46, (1), pp. 3-14					
	24	SCHMIDT et al. – Characterization of high-surface-area electrocatalysts using a rotating disk electrode configuration, Journal of the Electrochemical Society, 1998, 145(7), pp. 2354-2358					
	25	SCHMIDT et al. – Rotating disk electrode measurements on the CO tolerance of a high-surface area Pt/Vulcan carbon fuel cell electrocatalyst, Journal of the Electrochemical Society, 1999, 146(4), pp. 1296-1304					
	26	STRASSER, P. et al. – Combinatorial Electrochemical Strategies For the Discovery of New Fuel-Cell Electrode Materials, Proceedings of the International Symposium on Fuel Cells for Vehicles, 41st Battery Symposium, The Electrochemical Society of Japan, Nagoya 2000, pp. 34-35					
	27	STRASSER, P. et al. – Combinatorial Electrochemical Techniques for the Discovery of New Fuel-Cell Cathode Materials, 2001, Vol. 2001-4, Direct Methanol Fuel Cells, Proceedings of the Electrochemical Society, New Jersey, Zawodzinski, T., eds, pp. 191-208					
	28	YASUDA et al. – Polymerization-Pressure Dependencies of Properties of Perfluorosulfonate Cation-Exchanger Thin Films by Plasma Polymerization, Ber. Bunsenges. Phys. Chem., 1994, Vol. 98, pp. 631-635					
	29	International Search Report for Application No. PCT/US2004/017333 dated 11-12-04, 3pages					

Examiner	Date	
Signature	Considered	

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